

Notice of Allowability

Application No.

10/657,254

Examiner

Brenda Pham

Applicant(s)

SAKAI, MASANAO

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/10/07.
2. ☒ The allowed claim(s) is/are 1,3-7,9-13,15-18, renumbering as 1-15, respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

BRENDA PHAM
PRIMARY EXAMINER

Brenda H. Pham 10/2/07

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Ramya Ananthanarayanan, Reg. No. 59,597 on September 17, 2007.

2. The application has been amended as follows:

Claim 1 is deleted in entirety and is replaced it with the following:

"A resource reservation protocol substitute reply router transferring a verification message transmitted from a transmission host to a reception host for acquiring guarantee of service quality of a transmission route upon transmitting data packet from said transmission host to said reception host, comprising:

judgment means for monitoring a response message from said reception host for said verification message and making a judgment whether said reception host is an equipment supporting said resource reservation protocol or not; and

substitute resource reservation protocol control means for executing a procedure of resource reservation protocol on behalf of said reception host which is judged as not supporting resource reservation protocol; and

reservation means for making reservation of resource on the route to said transmission host,

wherein said judgment means monitors an internet control message protocol message, and makes judgment whether said reception host is an equipment supporting said resource reservation protocol or not from said internet control message protocol message;

wherein said internet control message protocol message is the response message from said reception host for a Path message of resource reservation protocol that is transmitted as the verification message and transmitted to a sender of a data packet upon receipt of a packet of a not supported protocol."

Claim 2 is canceled.

Claim 3, line 2 "claim 2" is amended to "claim 1".

Claim 7 is deleted in entirety and is replaced it with the following:

"A resource reservation protocol substitute reply system transferring a verification message transmitted from a transmission host to a reception host for acquiring guarantee of service quality of a transmission route upon transmitting data packet from said transmission host to said reception host by a resource reservation protocol substitute reply router arranged between said transmission host and said reception host,

wherein said resource reservation protocol substitute reply router comprises:

judgment means for monitoring a response message from said reception host for said verification message and making judgment whether said reception host is an equipment supporting said resource reservation protocol or not; and

substitute resource reservation protocol control means for executing a procedure of resource reservation protocol on behalf of said reception host which is judged as not supporting resource reservation protocol; and

reservation means for making reservation of resource on the route to said transmission host,

wherein said judgment means monitors an internet control message protocol message, and makes judgment whether said reception host is an equipment supporting said resource reservation protocol or not from said internet control message protocol message;

wherein said internet control message protocol message is the response message from said reception host for a Path message of resource reservation protocol that is transmitted as the verification message and transmitted to a sender of a data packet upon receipt of a packet of a not supported protocol."

Claim 8 is canceled.

Claim 9, line 2 "claim 8" is amended as "claim 7".

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Claim 13 is deleted in entirety and is replaced it with the following:

"A resource reservation protocol substitute reply method comprising the steps of:
transferring a verification message transmitted from a transmission host to the reception host;

acquiring guarantee of service quality of a transmission route upon transmitting data packet from said transmission host to a reception host by a resource reservation protocol substitute reply router arranged between said transmission host and said reception host,

monitoring, by said resource reservation protocol substitute reply router, a response message from said reception host for said verification message;

executing a procedure of resource reservation protocol on behalf of said reception host which is judged as not supporting resource reservation protocol; and

making reservation of resource on the route to said transmission host,

wherein said resource reservation protocol substitute reply router monitors an internet control message protocol message, and makes judgment whether said reception host is an equipment supporting said resource reservation protocol or not from said internet control message protocol message;

wherein said internet control message protocol message is the response message from said reception host for a Path message of resource reservation protocol that is transmitted as the verification message and transmitted to a sender of a data packet upon receipt of a packet of a not supported protocol.

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Claim 14 is canceled.

Claim 15 line 2, "claim 14" is amended to "claim 13".

3. The following is an examiner's statement of reasons for allowance: the prior art made of record fails to teach or fairly suggests in combination steps of executing a procedure of resource reservation protocol. On behalf of said reception host which is judged as not supporting resource reservation protocol; making reservation of resource on the route to said transmission host, wherein said resource reservation protocol substitute reply router monitors an internet control message protocol message, and makes judgment whether said reception host is an equipment supporting said resource reservation protocol or not from said internet control message protocol message; wherein said internet control message protocol message is the response message from said reception host for a Path message of resource reservation protocol that is transmitted as the verification message and transmitted to a sender of a data packet upon receipt of a packet of a not supported protocol.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

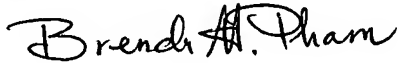
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild, can be reached on (571) 272-2092.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

September 18, 2007

Brenda Pham

A handwritten signature in cursive script that reads "Brenda A. Pham". The signature is written in dark ink and is positioned above the printed name and title.

**BRENDA PHAM
PRIMARY EXAMINER**